



TROPICAL CYCLONE BULLETIN NO. 6

Tropical Storm PAENG (NALGAE)

Issued at 5:00 PM, 27 October 2022

Valid for broadcast until the next bulletin at 11:00 PM today

“PAENG” MAINTAINS ITS STRENGTH WHILE MOVING SLOWLY SOUTHWESTWARD

<p>Location of Center (4:00 PM)</p> <p>The center of Tropical Storm “PAENG” was estimated based on all available data at 510 km East of Borongan City, Eastern Samar (11.7°N, 130.1°E)</p> <p>Intensity</p> <p>Maximum sustained winds of 65 km/h near the center, gustiness of up to 80 km/h, and central pressure of 996 hPa</p> <p>Present Movement</p> <p>Southwestward slowly</p> <p>Extent of Tropical Cyclone Winds</p> <p>Strong to gale-force winds extend outwards up to 480 km from the center</p>	<p>Track and Intensity Forecast of Tropical Storm PAENG (NALGAE) 27 October 2022, 5PM Tropical Cyclone Bulletin #06</p> <p>Legend</p> <ul style="list-style-type: none"> ● Super Typhoon ● Typhoon ● Severe Tropical Storm ● Tropical Storm ● Tropical Depression ● Low Pressure Area ○ Area with at least sustained winds 60 km/h, 48 kt or higher ○ Area with at least along winds 38 km/h, 22 kt or higher
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TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 2:00 AM 28 October 2022	12.1	129.1	490 km East of Catarman, Northern Samar	85	TS	WNW 10
24-Hour Forecast 2:00 PM 28 October 2022	12.8	127.5	380 km East of Juban, Sorsogon	100	STS	WNW 15
36-Hour Forecast 2:00 AM 29 October 2022	13.7	125.3	120 km East of Virac, Catanduanes	120	TY	WNW 20
48-Hour Forecast 2:00 PM 29 October 2022	14.5	123.4	Over the coastal waters of Vinzons, Camarines Norte	130	TY	WNW 20
60-Hour Forecast 2:00 AM 30 October 2022	15.4	121.7	Over the coastal waters of Dingalan, Aurora	150	TY	WNW 15
72-Hour Forecast 2:00 PM 30 October 2022	16.1	120.0	In the vicinity of Alaminos, Pangasinan	120	TY	WNW 15
96-Hour Forecast 2:00 PM 31 October 2022	17.3	118.9	205 km West Northwest of Baguio City, Benguet	120	TY	NW Slowly
120-Hour Forecast 2:00 PM 01 November 2022	19.4	119.6	195 km West of Calayan, Cagayan	110	STS	NNE 10

Prepared by: SMRR

Checked by: SFD



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
1 Wind threat: Strong winds (39 – 61 km/h)	The eastern portion of Camarines Sur (Siruma, Tinambac, Goa, Lagonoy, Garchitorena, Caramoan, Presentacion, Saglay, San Jose, Tigaon, Ocampo, Iriga City, Buhi, Nabua, Bato, Balatan, Bula, Baa, Pili, Calabanga, Bombon, Magarao, Naga City, Milaor, Minalabac, San Fernando, Gainza, Camaligan, Canaman), Catanduanes, Albay, Sorsogon, and Masbate including Ticao Island and Burias Island	Eastern Samar, Northern Samar, Samar, Biliran, and the northern portion of Leyte (San Isidro, Calubian, Tabango, Leyte, Capoocan, Carigara, Barugo, San Miguel, Babatngon, Tacloban City, Alangalang, Santa Fe, Palo)	-
	Warning lead time: 36 hours Potential impacts of winds: Minimal to minor threat to life and property		

HAZARDS AFFECTING LAND AREAS
<p>Heavy Rainfall</p> <ul style="list-style-type: none"> <i>Tomorrow early morning through evening:</i> Moderate to heavy with at times intense rains likely over Bicol Region, Eastern Visayas. Light to moderate with at times heavy rains possible over MIMAROPA, BARMM, Zamboanga Peninsula, Northern Mindanao, Caraga, Quezon, Cagayan, Isabela, Apayao, Aurora, and the rest of Visayas. <i>Tomorrow evening through Saturday:</i> Heavy to torrential rains possible over Bicol Region, Northern Samar, Marinduque, and Quezon. Moderate to heavy with at times intense rains possible over Metro Manila, Western Visayas, Aurora, Bulacan, Mindoro Provinces, Romblon, the eastern portions of Cagayan and Isabela, and the rest of Eastern Visayas and CALABARZON. Light to moderate with at times heavy rains possible over Cordillera Administrative Region, Zamboanga Peninsula, BARMM, and the rest of Visayas, Cagayan Valley, Central Luzon, and MIMAROPA. Under these conditions, flooding and rain-induced landslides are expected, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities with significant antecedent rainfall. Heavy rain areas may be updated in the succeeding bulletins should there be significant shifts in the track and intensity forecast of PAENG. Due to the Shear Line and the trough of PAENG, heavy rains are possible over Visayas, most of Southern Luzon, and the northern portion of Mindanao. For more information, refer to the 24-Hour Public Weather Forecast issued at 4:00 PM today and Weather Advisory #4 issued at 11:00 AM today. <p>Severe Winds</p> <ul style="list-style-type: none"> Strong winds may be experienced within any of the areas where Tropical Cyclone Wind Signal (TCWS) No. 1 is hoisted throughout the entire passage of PAENG. Per latest track and intensity forecast, the highest wind signal that will likely be hoisted is Wind Signal No. 4, in anticipation of typhoon-force conditions associated with PAENG. In the next 24 hours, the surge of the Northeast Monsoon will also bring strong winds with gusts reaching gale-force strength over Batanes, Babuyan Islands, Quezon, Bicol Region, Marinduque, Romblon, and the northern portions of mainland Cagayan, Apayao, and Ilocos Norte. <p>Coastal Inundation</p> <p>There is minimal to moderate risk of storm surge of up to 2.0 m in height which may cause flooding in the low-lying coastal areas of Catanduanes and in some coastal areas of Camarines Sur. For more information refer to Storm Surge Watch #1 issued at 2:00 PM today.</p>

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HAZARDS AFFECTING COASTAL WATERS

- Under the influence of the surge of the Northeast Monsoon, a **marine gale warning** is in effect over the seaboard of Northern Luzon and the eastern seaboard of Central Luzon, Southern Luzon, and Visayas. For more information, refer to Gale Warning #9 issued at 5:00 PM today.
- In the next 24 hours, the combined effects of the surge of the Northeast Monsoon and the approaching tropical cyclone may also bring **moderate to rough seas** (1.5 to 3.5 m) over the eastern seaboard of Mindanao. These conditions may be risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK

- Tropical Storm PAENG will move southwestward or west southwestward within 6 hours before turning generally west northwestward over the Philippine Sea through Sunday while moving towards central or southern portion of Luzon. On the forecast track, PAENG may pass close to Catanduanes on Saturday and a landfall scenario is possible on Sunday in the eastern coast of Aurora or Quezon. Considering the southward shift in the forecast track, a possible landfall in the eastern portion of Bicol Region is not ruled out at this time.
- PAENG is forecast to further intensify while moving over warm waters of the Philippine Sea. It is forecast to reach severe tropical storm category within 24 hours and may intensify into a typhoon by Saturday. The occurrence of rapid intensification in the next 72 hours is not ruled out.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 PM today.

DOST-PAGASA

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